

1 / 14

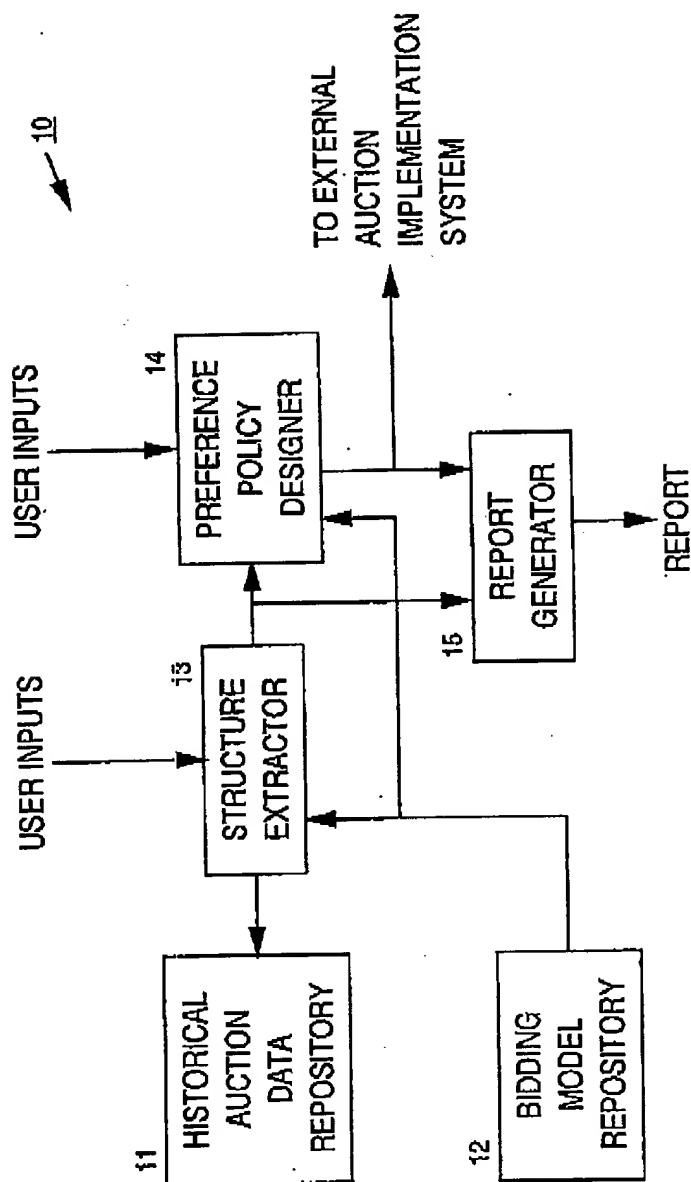


FIGURE 1

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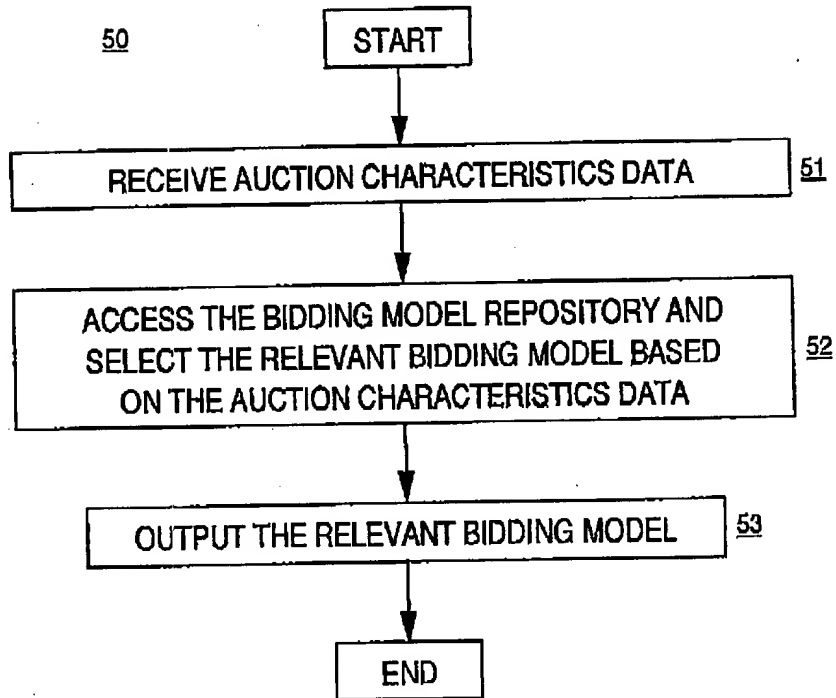
BIDDING MODEL SELECTION SUBMODULE

FIGURE 5

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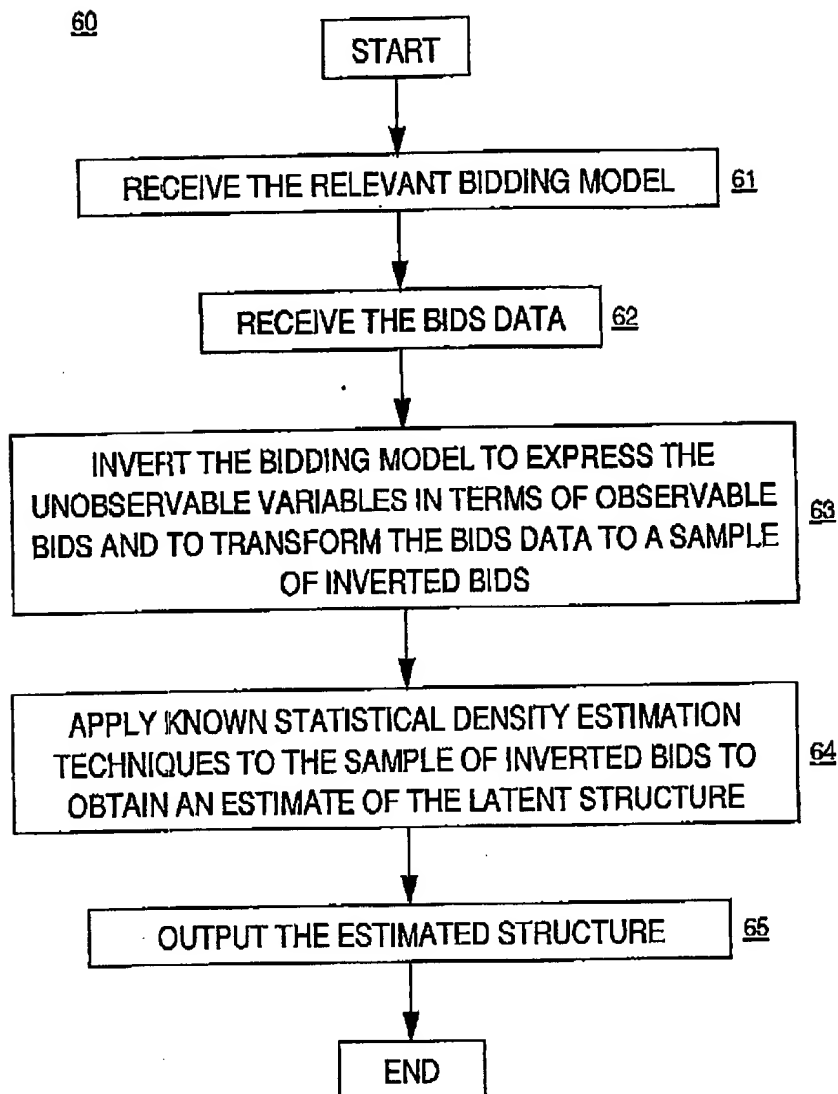
STRUCTURE ESTIMATION SUBMODULE

FIGURE 6

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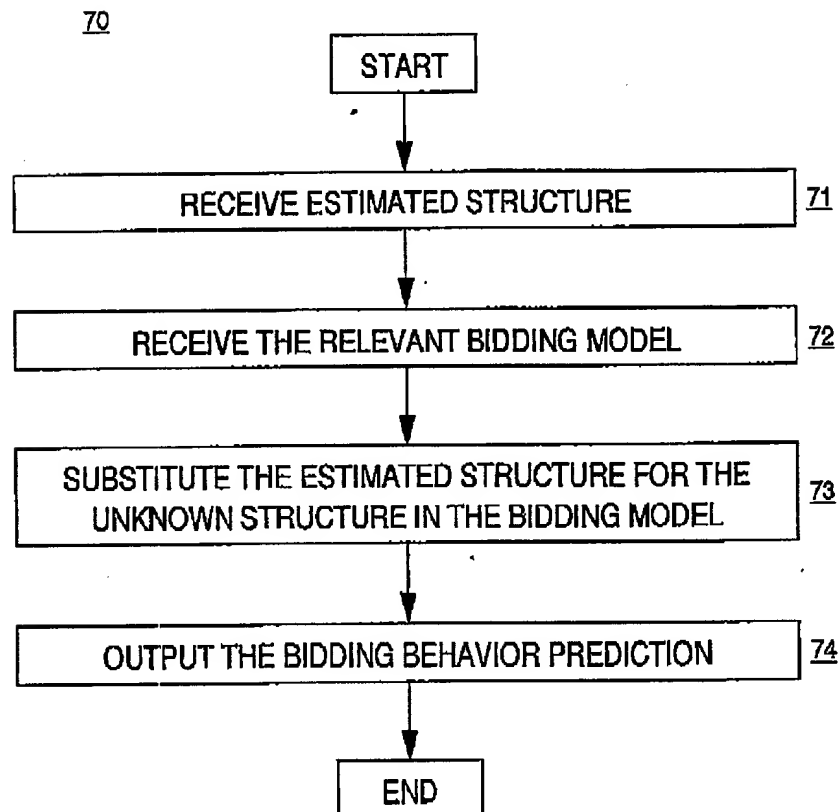
BIDDING BEHAVIOR PREDICTION SUBMODULE

FIGURE 7

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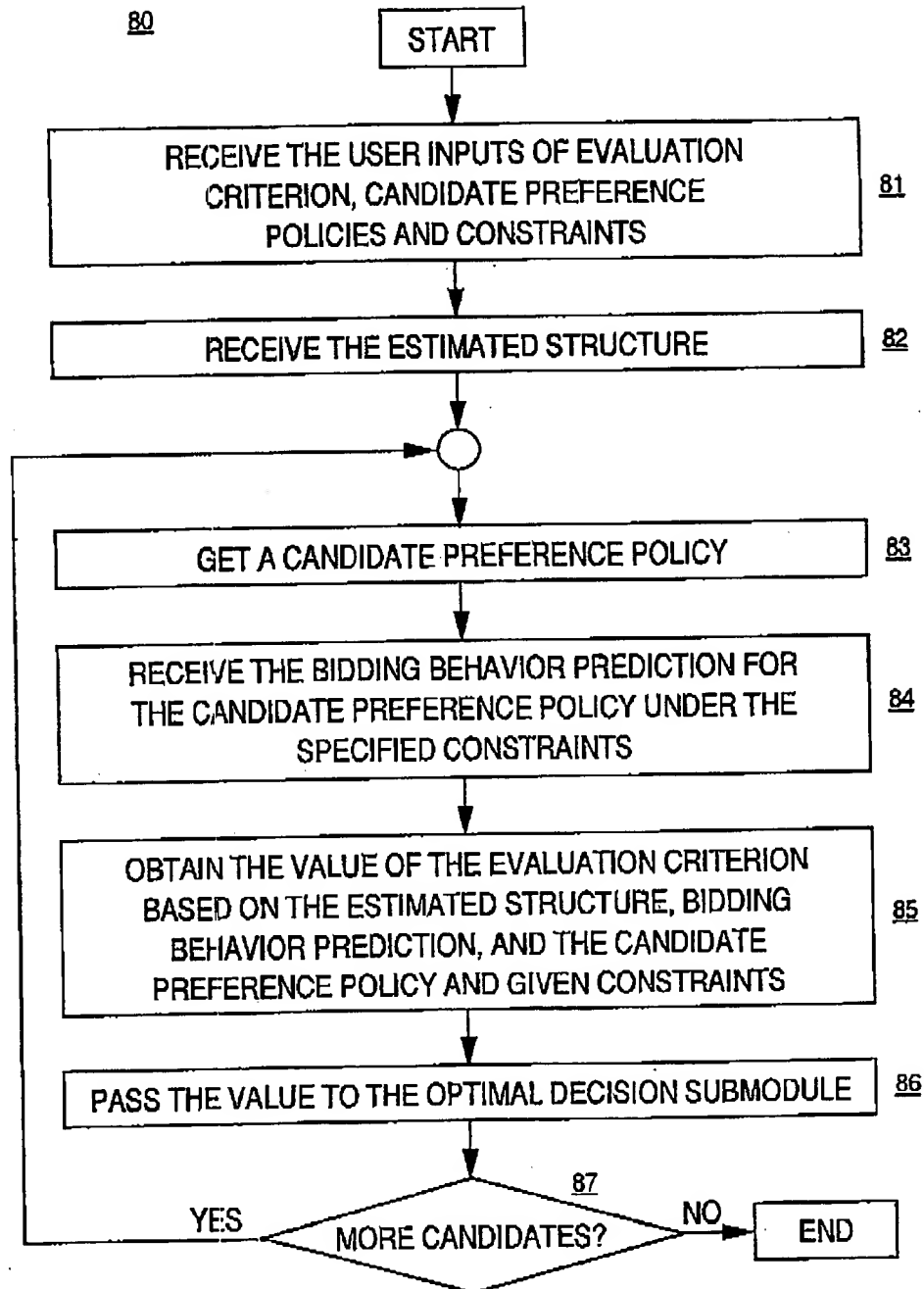
OUTCOME PREDICTION SUBMODULE

FIGURE 8

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**AUCTION CHARACTERISTICS:**

Auction ID

Item ID

Item Name

Quantity

Dates:

Announcement

Start

Close

Seller/Buyer ID

Auction Mechanism Characteristics

Invited Bidders' IDs

Participating Bidders' IDs and Bids Quantities

Outcome:

Assigned Price for each bidder

Assigned Quantities for each bidder

Fees:

Shipping &amp; Handling

Taxes

Auctioneer Fees:

Posting Fee

Ad Valorem Fee

**BIDS:**

Bid ID

Auction ID

Item ID

Bidder ID

Bid Time Stamp

Price Bid

**FIGURE 11 (sh. 1)**

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Bit Type

Proxy

Direct

Quantity Desired

Minimum Quantity

Currency

## MECHANISM CHARACTERISTICS:

Format

English

Dutch

Sealed Bid First Price

Sealed Bid Second Price

Vickrey

etc.

Buy/Sell

Entry Rule

Open

Free

Fee

Invitation

Free

Fee

Reserve Price

Secret

Open

Start Price

Bid Increment

Fixed

Relative

FIGURE 11 (sh. 2)

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## Closing Rule

Inactivity Time

Fixed Closing Time

## ITEM CHARACTERISTICS

Item ID

Name

Description

Location

SKU

Manufacturer

Model number

Condition

Warranty

Weight

Weight Unit

Measurement Unit

Currency

list price

etc

## BIDDER CHARACTERISTICS:

ID

Segment ID

Name

Address

General Information

Socio Demographic Information

Etc

FIGURE 11 (sh.3)



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**SELLER/BUYER CHARACTERISTIC**

Seller/Buyer ID

Name

Address

General Information

Socio Demographic Information

Etc.

**FIGURE 11 (sh. 4)**